



**CDC's Public Health Grand Rounds Presents:
"Emerging Tickborne Diseases"**

Tuesday, March 21, 2017

1:00 p.m. – 2:00 p.m. ET

Global Communications Center (Building 19)

Alexander D. Langmuir Auditorium

Roybal Campus

Infections from tickborne diseases in the US are steadily increasing -- and new tickborne diseases have been discovered in recent years. Ticks are vectors that can carry infectious agents such as bacteria, viruses, or parasites. When an infected tick bites a person or an animal, the tick's saliva transmits infectious agents that can cause illness. Some ticks can transmit multiple diseases. These "co-infections" pose challenges for diagnosing, treating and preventing tickborne diseases.

The geographic ranges of ticks also are expanding. Ticks differ in their tolerance to heat, cold and aridity, making certain tick species more common than others in any given location in the United States. Different species transmit different diseases and this leads to differences in incidence of tickborne diseases by geographic region in the US.

Tune in to this session of Public Health Grand Rounds as experts discuss emerging tickborne diseases, treatment options, prevention strategies, and advances in diagnosing tickborne diseases.

Presented By:

Rebecca Eisen, PhD

*Research Biologist, Bacterial Diseases Branch
Division of Vector-Borne Diseases
National Center for Emerging and Zoonotic Infectious Diseases, CDC*
“Expanding Diversity and Distribution of Tickborne Diseases”

Christopher D. Paddock, MD

*Medical Officer, Rickettsial Zoonoses Branch
Division of Vector-Borne Diseases
National Center for Emerging and Zoonotic Infectious Diseases, CDC*
“Tickborne Spotted Fevers – Old and New”

Gregory D. Ebel, ScD

*Associate Professor, Department of Microbiology Immunology and Pathology
Director, Arthropod-Borne and Infectious Diseases Laboratory
College of Veterinary Medicine and Biomedical Sciences
Colorado State University*
“Emerging Tickborne Viruses”

Bobbi Pritt, MD, MSc, DTM&H

*Director, Clinical Parasitology Laboratory
Co-Director, Vector-borne Diseases Laboratory Services
Professor of Pathology and Laboratory Medicine
Division of Clinical Microbiology
Mayo Clinic*
“Advances in Diagnosing Tickborne Diseases”

Facilitated By:

John Iskander, MD, MPH, Scientific Director, Public Health Grand Rounds
Phoebe Thorpe, MD, MPH, Deputy Scientific Director, Public Health Grand Rounds **Susan**
Laird, MSN, RN, Communications Director, Public Health Grand Rounds

Our sessions are open to the public:

A live webcast will be available on our [website](#). The link will be live five minutes before the presentation. View our sessions on our [archive](#) page at your convenience. Sessions are archived 3-4 days after each presentation.

For non-CDC staff who want to attend in person:

Non-CDC staff must have prior security clearance. US citizens must submit a request to the [Grand Rounds Team](#). A US state-issued photo ID (e.g., driver's license, US passport) is required.

Non-US citizens must submit their requests 20 days prior to the session to the Grand Rounds Team, and additional information will be required.

For individuals requiring reasonable accommodations:

It is the policy of CDC to provide reasonable accommodations (RA) for qualified individuals with disabilities to ensure their full inclusion in CDC-sponsored events. Employees are asked to submit RA requests at least **5 business days prior to the event**. Please e-mail the request to grandrounds@cdc.gov.

For questions about this Grand Rounds topic:

Feel free to [e-mail](#) your questions before or during the session.

Grand Rounds is available for continuing education.

All continuing education credit for Public Health Grand Rounds (PHGR) is issued online through the [CDC/ATSDR Training and Continuing Education Online system](#). If you have questions, you can [email Learner Support](#) or call them at 1-800-41-TRAIN (1-800-418-7246). Those who view PHGR and wish to receive continuing education must complete the online seminar evaluation. Continuing education will be available for up to 2 years and 1 month after the initial offering. The course code for all PHGR sessions is **PHGR10**.

Target audience: physicians, nurses, epidemiologists, pharmacists, veterinarians, certified health education specialists, laboratorians, and others.

Objectives:

1. List key measures of burden of disease involving morbidity, mortality, and/or cost.
2. Describe evidence-based preventive interventions and the status of their implementations.
3. Identify one key prevention science research gap.
4. Name one key indicator by which progress and meeting prevention goals is measured.

CE certificates can be printed from your computer immediately upon completion of your online evaluation. A cumulative transcript of all CDC/ATSDR CE credits obtained through the TCE Online system will be maintained for each user. We hope that this will assist CDC staff and other public health professionals in fulfilling the requirements for their professional licenses and certificates.

For Continuing Medical Education for Physicians (CME):

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Continuing Medical Education (ACCME®) to provide continuing medical education for physicians.

The Centers for Disease Control and Prevention designates this live activity for a maximum of 1 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For Continuing Nursing Education for Nurses (CNE):

The Centers for Disease Control and Prevention is accredited as a provider of Continuing Nursing Education by the American Nurses Credentialing Center's Commission on Accreditation.

This activity provides 1 contact hour.

For Continuing Education Contact Hours in Health Education (CECH):

Sponsored by the Centers for Disease Control and Prevention, a designated provider of continuing education contact hours (CECH) in health education by the National Commission for Health Education Credentialing, Inc. This program is designed for Certified Health Education Specialists (CHES) and/or Master Certified Health Education Specialists (MCHES) to receive up to 1.0 total Category I continuing education contact hour. Maximum advanced level continuing education contact hours available are 0. CDC provider number **98614**.

IACET Continuing Education Units (CEU):

The Centers for Disease Control and Prevention is authorized by IACET to offer 0.1 CEU for this program.

**For Continuing Pharmacy Education (CPE):**

(For EV2346 (SC) - live course)

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program is a designated event for pharmacists to receive 0.1 CEU in pharmacy education. The Universal Activity Number is 0387-000016-110-L04-P.

(For WD2346 -Web on demand)

The Centers for Disease Control and Prevention is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program is a designated event for pharmacists to receive 0.1 CEU in pharmacy education. The Universal Activity Number is 0387-000016-110-H04-P.

Course Category: This activity has been designated as knowledge-based.

Once credit is claimed, an unofficial statement of credit is immediately available on TCEOnline. Official credit will be uploaded within 60 days on the NABP/CPE Monitor.

For AAVSB/RACE:

This program was reviewed and approved by AAVSB RACE program for 1.0 hour of continuing education. Participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education.

Please contact the AAVSB RACE program if you have any comments/concerns regarding this program's validity or relevancy to the veterinary profession.

For Certified Public Health:

The Centers for Disease Control and Prevention is a pre-approved provider of Certified in Public Health (CPH) recertification credits and is authorized to offer 1 CPH recertification credit for this program.

CDC is an approved provider of CPH Recertification Credits by the National Board of Public Health Examiners. Effective October 1, 2013, the National Board of Public Health Examiners (NBPHE) accepts continuing education units (CEU) for CPH recertification credits from CDC. Please select CEU as your choice for continuing education when registering for a course on TCEOnline. Learners seeking CPH should use the guidelines provided by the NBPHE for calculating recertification credits. For assistance please contact [NBPHE](#).

There is no cost for this program.

Disclosure: In compliance with continuing education requirements, all presenters must disclose any financial or other associations with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters as well as any use of unlabeled product(s) or product(s) under investigational use.

CDC, our planners, presenters, and their spouses/partners wish to disclose they have no financial interests or other relationships with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters. Planners have reviewed content to ensure there is no bias.

Content will not include any discussion of the unlabeled use of a product or a product under investigational use.

CDC did not accept commercial support for this activity.